

January 27, 1999

Dear Species Specialist:

You were contacted recently about providing input to CALFED regarding species and habitat conservation. Your participation in this process will provide you the opportunity to give expert technical input into species and habitat conservation aspects of the CALFED Bay-Delta Program, a program of activities that encompasses much of California's great Central Valley. Your assistance will provide CALFED with valuable information with which to plan future actions to support species and habitat conservation and recovery.

The California Department of Fish and Game (DFG), U.S. Fish and Wildlife Service (USFWS), and National Marine Fisheries Service (NMFS) are working on the CALFED Conservation Strategy, which will establish goals for conservation of 205 target species and a number of vegetation types/natural communities. The goals for these species include achieving full or nearly full recovery, contributing to recovery, and sustaining existing populations without compromising future recovery efforts. Our starting point is based on existing species recovery plans, the proposed CALFED Ecosystem Restoration Program, staff expertise, and existing internal information. We also recognize the need for input from a number of individuals who collectively represent a large body of knowledge and expertise with the species and communities we are addressing in the Conservation Strategy.

The CALFED Conservation Strategy Team is hosting three species review workshops. The workshop focusing on riparian and upland communities and associated target species was held on January 27, 1999. Enclosed are four packets of information that were distributed at the workshop that will provide you with the information necessary to provide recommendations to CALFED for establishing goals for Conservation Strategy species, prescriptions to achieve species goals, and conservation measures to achieve species prescriptions. Workshop packet 4 provides supplemental information regarding species that will be covered in subsequent workshops should you wish to also provide recommendations for species associated with aquatic, wetland, and agricultural habitats.

The Conservation Strategy team is requesting that you review the enclosed information about the effects of CALFED actions on habitats and to do the following:

- verify or modify CALFED's proposed goals for species,
- determine "prescriptions" for species (i.e., the conditions, such as acres of habitat or number of populations, that should be met to achieve species goals),
- determine if CALFED actions and conservation measures are sufficient to meet species goals,

- recommend changes or additions to conservation measures needed to achieve species goals, and
- identify data gaps and monitoring needs.

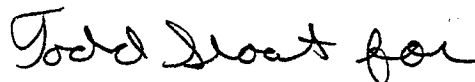
The enclosed packages include guidelines for reviewing background material and formulating recommendations regarding species goals, prescriptions, and conservation measures. Also included are forms for submitting your recommendations to the Conservation Strategy team (if you wish to provide your recommendations electronically, please call and provide us with your e-mail address and we will e-mail you the forms). To ensure that your material will be considered in the Conservation Strategy, we are requesting that your recommendations be provided by February 3, 1999.

If you have questions regarding the enclosed materials, please contact either us or one of the following agency staff:

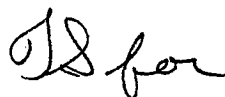
Mike Fris - USFWS - 916/979-2710  
Jeff Single - DFG - 559/243-4041  
Karl Halupka - NMFS - 707/575-6057  
Marti Kie - CALFED - 916/657-2666

Your input into development of the CALFED Conservation Strategy is greatly appreciated. USFWS, NMFS, and DFG are deeply committed to the formulation of a strong conservation strategy that ensures benefits to a large number of species and natural communities. You can help in the achievement of that goal. We hope that you will take this opportunity to provide timely input into one of the largest ecosystem restoration programs undertaken.

Sincerely,



Paul Cylinder, Ph.D.  
Plant Ecologist



Pete Rawlings  
Wildlife Biologist

PC:PR:pa  
Attachments

**Plant Species Considered in the Riparian and Upland Species  
Conservation Strategy Workshop**

Common Name	Scientific Name	Species Goal
Antioch Dunes evening-primrose	<i>Oenothera deltoides ssp. howellii</i>	m
Calistoga popcornflower	<i>Plagiobothrys strictus</i>	m
Clara Hunt's milkvetch	<i>Astragalus clarianus</i>	m
Contra Costa wallflower	<i>Erysimum capitatum ssp. angustatum</i>	m
El Dorado bedstraw	<i>Galium californicum ssp. sierrae</i>	m
Hartweg's golden sunburst	<i>Pseudobahia bahiifolia</i>	m
Hoover's eriastrum	<i>Eriastrum hooveri</i>	m
Large-flowered fiddleneck	<i>Amsinckia grandiflora</i>	m
Layne's ragwort	<i>Senecio layneae</i>	m
Marin western flax	<i>Hesperolinon congestum</i>	m
Pallid manzanita	<i>Arctostaphylos pallida</i>	m
Pine Hill ceanothus	<i>Ceanothus roderickii</i>	m
Pine Hill flannelbush	<i>Fremontodendron decumbens</i>	m
San Benito evening-primrose	<i>Camissonia benitensis</i>	m
San Joaquin adobe sunburst	<i>Pseudobahia peirsonii</i>	m
San Joaquin woollythreads	<i>Lembertia congdonii</i>	m
Showy Indian clover	<i>Trifolium amoenum</i>	m
Sonoma alopecurus	<i>Alopecurus aequalis var. sonomensis</i>	m
Sonoma spineflower	<i>Chorizanthe valida</i>	m
Stebbins' morning-glory	<i>Calystegia stebbinsii</i>	m
Tiburon Indian paintbrush	<i>Castilleja affinis ssp. neglecta</i>	m
Tiburon jewelflower	<i>Streptanthus niger</i>	m
Tiburon Mariposa lily	<i>Calochortus tiburonensis</i>	m
White-rayed pentachaeta	<i>Pentachaeta bellidiflora</i>	m
Baker's larkspur	<i>Delphinium bakeri</i>	m
Baker's manzanita	<i>Arctostaphylos bakeri ssp. bakeri</i>	m
California vervain	<i>Verbena californica</i>	m
Delta coyote-thistle	<i>Eryngium racemosum</i>	r
Indian Valley brodiaea	<i>Brodiaea coronaria ssp. rosea</i>	m
Ione buckwheat	<i>Eriogonum apricum var. apricum</i>	m
Irish Hill buckwheat	<i>Eriogonum apricum var. prostratum</i>	m
Marin checkerbloom	<i>Sidalcea hickmanii ssp. viridis</i>	m
Mason's ceanothus	<i>Ceanothus masonii</i>	m
Mt. Diablo bird's-beak	<i>Cordylanthus nidularius</i>	m
North Coast semaphore grass	<i>Pleuropogon hooverianus</i>	m
Rock sanicle	<i>Sanicula saxatilis</i>	m
Santa Cruz tarplant	<i>Holocarpha macradenia</i>	m

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**CALFED CONSERVATION STRATEGY**  
**SPECIES REVIEW WORKSHOP**  
January 27, 1999

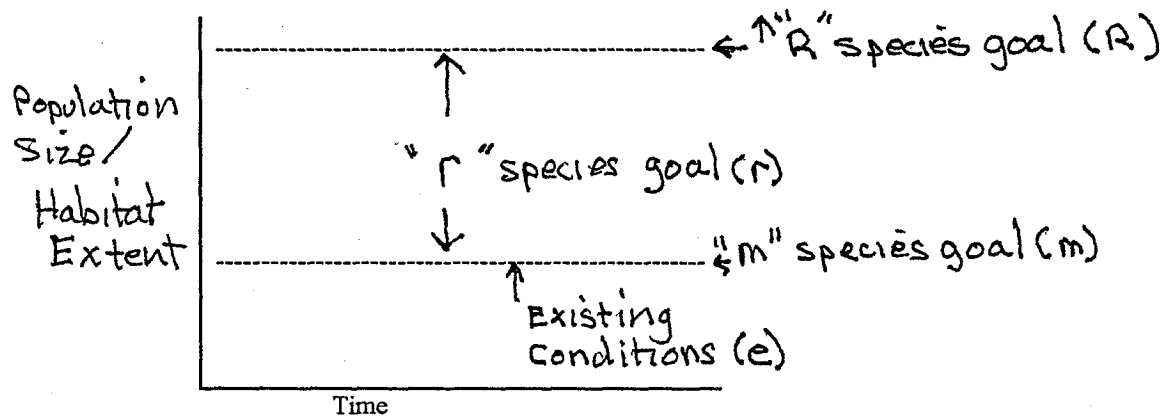
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Yellow larkspur	<i>Delphinium luteum</i>	m
Ione manzanita	<i>Arctostaphylos myrtifolia</i>	m
Rawhide Hill onion	<i>Allium tuolumnense</i>	m
Alkali milkvetch	<i>Astragalus tener</i> var. <i>tener</i>	r
Arburua Ranch jewelflower	<i>Streptanthus insignis</i> ssp. <i>lyonii</i>	m
Ben Lomond buckwheat	<i>Eriogonum nudum</i> var. <i>decurrens</i>	m
Big tarplant	<i>Blepharizonia plumosa</i> ssp. <i>plumosa</i>	m
Brittlescale	<i>Atriplex depressa</i>	m
California beaked-rush	<i>Rhynchospora californica</i>	m
Congdon's lomatium	<i>Lomatium congdonii</i>	m
Congdon's tarplant	<i>Hemizonia parryi</i> ssp. <i>congdonii</i>	m
Contra Costa manzanita	<i>Arctostaphylos manzanita</i> ssp. <i>laevigata</i>	m
Diablo helianthella	<i>Helianthella castanea</i>	m
Diamond-petaled California poppy	<i>Eschscholzia rhombipetala</i>	m
Ferris' milkvetch	<i>Astragalus tener</i> var. <i>ferrisiae</i>	m
Heartscale	<i>Atriplex cordulata</i>	m
Heckard's peppergrass	<i>Lepidium latipes</i> var. <i>heckardii</i>	m
Hospital Canyon larkspur	<i>Delphinium californicum</i> ssp. <i>interius</i>	m
Lesser saltscale	<i>Atriplex minuscule</i>	m
Lost Hills crownscale	<i>Atriplex vallicola</i>	m
Mad-dog skullcap	<i>Scutellaria lateriflora</i>	m
Mariposa clarkia	<i>Clarkia biloba</i> ssp. <i>australis</i>	m
Marsh checkerbloom	<i>Sidalcea oregana</i> ssp. <i>hydrophila</i>	m
Merced phacelia	<i>Phacelia ciliata</i> var. <i>opaca</i>	m
Mt. Diablo jewelflower	<i>Streptanthus hispidus</i>	m
Mt. Diablo manzanita	<i>Arctostaphylos auriculata</i>	m
Mt. Hamilton coreopsis	<i>Coreopsis hamiltonii</i>	m
Mt. Hamilton jewelflower	<i>Streptanthus callistus</i>	m
Napa western flax	<i>Hesperolinon serpentinum</i>	m
Northern California black walnut (native stands)	<i>Juglans californica</i> var. <i>hindsii</i>	r
Panoche peppergrass	<i>Lepidium jaredii</i> ssp. <i>album</i>	m
Red Hills ragwort	<i>Senecio clevelandii</i> var. <i>heterophyllus</i>	m
Red-flowered lotus	<i>Lotus rubriflorus</i>	m
San Joaquin spearscale	<i>Atriplex joaquiniana</i>	m
Saw-toothed lewisia	<i>Lewisia serrata</i>	m
Shaggyhair lupine	<i>Lupinus spectabilis</i>	m
Sharsmith's harebell	<i>Campanula sharsmithiae</i>	m
Showy madia	<i>Madia radiata</i>	m
Slough thistle	<i>Cirsium crassicaule</i>	m
Spiny-sepaed button-celery	<i>Eryngium spinosepalum</i>	m
Henderson's bent grass	<i>Agrostis hendersonii</i>	m
San Antonio Hills monardella	<i>Monardella antonina</i> ssp. <i>antonina</i>	m

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**Model for Determining Prescriptions**  
(could be some exceptions, with justification, for some "m" species)

Prescription "R" =  $R - e$    Prescription "r" =  $r - e$    Prescription "m" =  $e - \text{impacts}$



## SPECIES GOAL RECOMMENDATIONS

Species Name: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewer Name(s) and Affiliation: \_\_\_\_\_

Proposed CALFED Goal (circle one): R r m

<b>Recommended Change to Proposed CALFED Species Goal (enter "R", "r", or "m"):</b>
<b>Rationale and Documentation for Recommending a Change to the Proposed CALFED Species Goal:</b>

## SPECIES PRESCRIPTION RECOMMENDATIONS

**Species Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Reviewer Name(s) and Affiliation:** \_\_\_\_\_

**Species Goal (circle one):** R r m **Page** \_\_\_\_ **of** \_\_\_\_

<b>Recommended Species Prescription:</b>
<b>Justification and Documentation for Recommending the Species Prescription:</b>

**CALFED CONSERVATION STRATEGY  
SPECIES REVIEW WORKSHOP**  
*January 27, 1999*

## SPECIES CONSERVATION MEASURE RECOMMENDATIONS FOR ACHIEVING SPECIES PRESCRIPTIONS

**Species Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Preparer Name and Affiliation:** \_\_\_\_\_

**Applicable NCCP Habitat Types:** \_\_\_\_\_

Recommended Additional Conservation Measure	
Rationale and Documentation	